

WHAT IS CLAIMED

1. A medical device for providing access to an internal space in a patient, the device comprising:

a first elongate member having proximal end, a distal end, and an internal lumen;

a second elongate member having an open proximal end, an open distal end, and an internal lumen providing a passageway extending therethrough;

wherein the first member is releasably attachable to the second member to provide a generally continuous fluid passageway , and such that the distal end of the first member is positioned intermediate the proximal and distal ends of the second member upon attachment of the second member to the first member.

2. The medical device of Claim 1 wherein the first member has an open distal tip.
3. The medical device of Claim 1 wherein the first member has a closed distal tip.
4. The medical device of Claim 1 wherein the first member has a pointed tip selected from the group consisting of bifurcated and non-bifurcated tips.
5. The medical device of Claim 1 wherein the first member comprises a relatively rigid body portion and a relatively flexible distal end portion.
6. The medical device of Claim 1 wherein the first member comprises a hollow cannula extension.
7. The medical device of Claim 1 wherein the second member comprises a cannula.
8. The medical device of Claim 1 further comprising a cap releasably attachable to the proximal end of at least one of the first member and the second member.

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9. The medical device of Claim 1 further comprising a cap releasably attachable to the proximal end of both the first member and the second member.
10. The medical device of Claim 1 wherein the first member comprises a tip adapted to pierce a perforable membrane.
11. The medical device of Claim 1 wherein the first member comprises at least one opening through a wall of the first member, the at least one opening spaced proximally of the distal end of the first member.
12. The medical device of Claim 1 wherein the first member comprises a plurality of openings through the wall of the first member.
13. The medical device of Claim 1 wherein the second member comprises a beveled distal end.
14. The medical device of claim 1 wherein the second member comprises at least one opening through a wall of the second member, the at least one opening spaced proximally of the distal end of the second member.
15. The medical device of Claim 1 comprising a sleeve positionable along an outside surface of the first member.
16. The medical device of Claim 1 comprising a sleeve having a sealing surface for providing sealing between the first member and a portion of a patient's body.
17. The medical device of Claim 1 wherein at least one of the first and second members comprises a generally transparent wall.

18. The medical device of Claim 1 wherein at least one of the first and second members comprises a non-circular cross section.
19. The medical device of Claim 1 further comprising a cap adapted for releasably attaching to at least one of the cannula and the cannula extension.
20. The medical device of Claim 19 wherein the cap has an opening therethrough.
21. The medical of Claim 19 wherein the cap is adapted to provide a substantially airtight seal.
22. The medical device of Claim 1 further comprising a sleeve having a sealing surface for aiding in preventing gas leakage through an incision.
23. The medical device of Claim 1 further comprising a sleeve, the sleeve having a coating comprising a medicinal substance.
24. The medical device of Claim 23 wherein the medicinal substance is selected from the group of substances consisting of hemostatic substances, anti-microbial substances, antibacterial substances, pain reducing agents, and combinations thereof.
25. A medical device comprising:
 - a first hollow, elongated member;
 - a second hollow, elongated member releasably attachable to a proximal end of the first member;
 - a cap releasably attachable to at least one of the first and second members; and
 - a sleeve positionable along an outside surface of the first member.

26. An assembly comprising:

a vacuum device for providing an operative space within a patient; and

a multicomponent device for providing access from a point external of the vacuum device to a point within the patient; the multicomponent device comprising detachable first and second members, the first member for providing a first portion of an access passageway, and the second member for providing a second portion of an access passageway.